Shoot 1 of 3

Original block of text.

Exaggerated

shifts in the

text block of

10 times what a typical value

would be.

~0.07". This is

Typical shifts of ~0.007" in the text block. 16 > We would like to deter copying of this document by embedding an imperceptible watermark that identifies the original recipient of the document. If an illicit copy is later found, the watermark can be read from the document to determine its source. At that point appropriate action can be taken to

to determine how the document was leaked.

We would like to deter copying of this document by embedding an imperceptible watermark that identifies the original recipient of the document. If an illicit copy is later found, the watermark can be read from the document to determine its source. At that point appropriate action can be taken to to determine how the document was leaked.

16 -> We would like to deter copying of this document by embedding an imperceptible watermark that identifies the original recipient of the document. If an illicit copy is later found, the watermark can be read from the document to determine its source. At that point appropriate action can be taken to 18 —to determine how the document was leaked.

Figure 1

-10

unshifted - control line shifted right - 1 bit shifted left - 0 bit shifted left - 0 bit shifted right - 1 bit shifted left - 0 bit unshifted - control line

Title: Document Watermarking Method Using Line Margin

Shifting
Inventor: Joe PASQUA
Application No.: NEW
Docket No.: 505102000600

Sheet 2 of 3

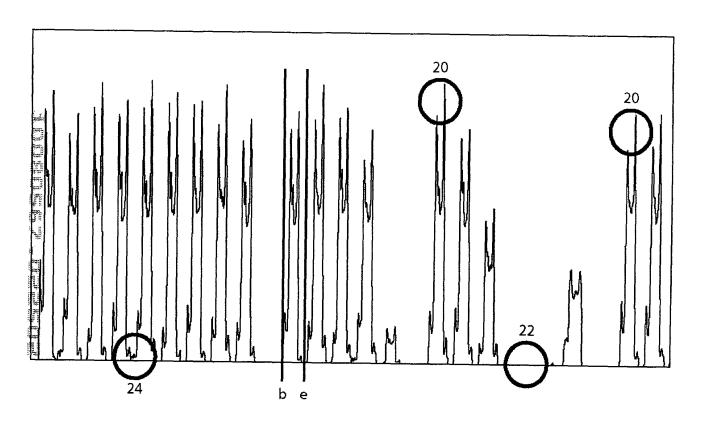


Figure 2

Shoot 3 of 3

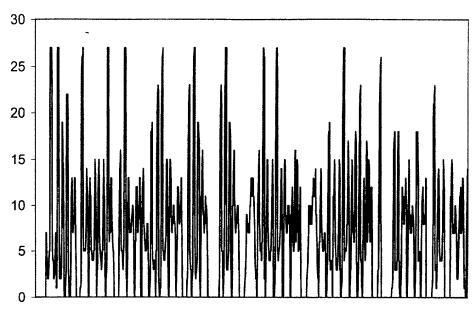


Figure 3

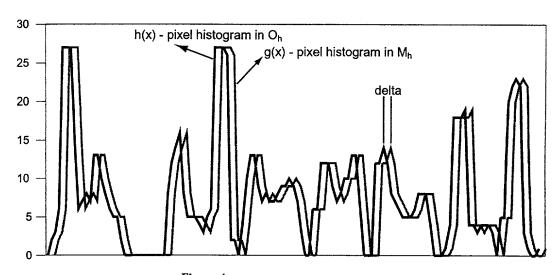


Figure 4